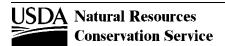
Table J1b. - Physical Properties of the Soils

Isle of Wight County, Virginia

Entries under "Erosion Factors--T" apply to the entire profile. Entries under "Wind Erodibility Group" and "Wind Erodibility Index" apply only to the surface layer. Absence of an entry indicates that data were not estimated.

Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
1: Alaga	0-3 3-60			1-10 2-12	1.30-1.50 1.40-1.60	20 20	0.05-0.09 0.05-0.09	0.0-2.9 0.0-2.9	0.5-1.0 0.0	.17 .17	.17 .17	5	1	220
	3-00			2-12	1.40-1.60	20	0.05-0.09	0.0-2.9	0.0	.17	. 17			
Emporia														
Leon														
Nawney														
2:														
Bohicket	0-11			30-60	1.20-1.40	0.06-0.2	0.02-0.06	6.0-8.9	5.0-25	.28	.28	5	8	0
	11-60			35-60	1.30-1.60	0.001-0.06	0.02-0.06	6.0-8.9	0.0	.24	.24			
Alaga														
Rappahannock														
3:														
Chickahominy	0-2			10-25	1.20-1.30	0.6-2	0.10-0.17	0.0-2.9	0.5-2.0	.37	.37	4	3	86
	2-65			27-60	1.25-1.50	0.001-0.06	0.10-0.19	6.0-8.9	0.0	.24	.24			
Kinston														
Peawick														
4:														
Chipley	0-6 6-60			1-5 1-5	1.35-1.45 1.45-1.60	6-20 6-20	0.05-0.10 0.03-0.08	0.0-2.9 0.0-2.9	2.0-5.0 0.0	.10 .10	.10 .10	5	1	180
	0-00			1-5	1.75-1.00	0-20	0.03-0.00	0.0-2.9	0.0	.10	. 10			



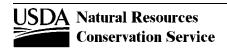
Isle of Wight County, Virginia

Man Cumbal					Moist	Permeability	Available	Linear	Organia	Eros	sion Fa	ctors	Wind	Wind
Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Organic Matter	Kw	Kf	Т	Erodi- bility Group	Erodi- bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
1:														
Kinston														
Leon														
Nawney														
5A:														
Emporia	0-15			7-20	1.30-1.40	2-6	0.10-0.17	0.0-2.9	0.5-3.0	.28	.28	4	3	86
	15-33			12-50	1.30-1.40	2-6	0.10-0.16	0.0-2.9	0.0	.28	.28			
	33-60			12-50	1.35-1.45	0.2-2	0.08-0.18	3.0-5.9	0.0	.28	.28			
Yemassee														
Uchee														
Nawney														
5B:														
Emporia	0-15			7-20	1.30-1.40	2-6	0.10-0.17	0.0-2.9	0.5-3.0	.28	.28	4	3	86
	15-33			12-50	1.30-1.40	2-6	0.10-0.16	0.0-2.9	0.0	.28	.28			
	33-60			12-50	1.35-1.45	0.2-2	0.08-0.18	3.0-5.9	0.0	.28	.28			
Yemassee														
Uchee														
Nawney														

6:



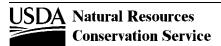
Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
5:														
Kenansville	0-28			1-10	1.50-1.70	6-20	0.04-0.10	0.0-2.9	0.5-2.0	.15	.15	5	2	134
	28-41			10-20	1.30-1.50	0.6-6	0.10-0.14	0.0-2.9	0.0	.15	.15			
	41-60			1-10	1.50-1.70	6-20	0.01-0.05	0.0-2.9	0.0	.10	.10			
Alaga														
Kinston														
Nawney														
7 :														
Kinston	0-9			5-27	1.30-1.50	0.6-2	0.14-0.20	0.0-2.9	2.0-5.0	.37	.37	5	5	56
	9-60			12-40	1.30-1.50	0.6-2	0.14-0.18	0.0-2.9	0.0	.32	.32			
Alaga														
Slagle														
Yemassee														
3:														
Leon	0-22			1-5	1.40-1.65	6-20	0.02-0.05	0.0-2.9	0.5-4.0	.10	.10	5	1	180
	22-41			0-5	1.50-1.70	0.6-6	0.05-0.10	0.0-2.9	0.0-3.0	.15	.15			
	41-60			0-5	1.40-1.65	0.6-6	0.02-0.05	0.0-2.9	0.0-3.0	.10	.10			
Chipley	0-6			1-5	1.35-1.45	6-20	0.05-0.10	0.0-2.9	2.0-5.0	.10	.10	5	1	180
-	6-60			1-5	1.45-1.60	6-20	0.03-0.08	0.0-2.9	0.0	.10	.10			
Alaga														
Kinston														



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erod
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Inde
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct			•		•
3:														
Nawney														
) :														
Myatt	0-15			7-20	1.30-1.50	0.6-2	0.11-0.20	0.0-2.9	0.5-2.0	.28	.28	5	3	86
	15-51			10-40	1.40-1.60	0.2-2	0.12-0.20	0.0-2.9	0.0	.28	.28			
	51-60			7-40	1.40-1.60	0.2-2	0.10-0.20	0.0-2.9	0.0	.24	.28			
Slagle														
Yemassee														
10:														
Nawney	0-10			7-27	1.25-1.35	2-6	0.10-0.15	0.0-2.9	2.0-6.0	.24	.24	5	8	0
-	10-44			12-40	1.25-1.50	0.6-2	0.10-0.22	3.0-5.9	0.0-1.0	.28	.28			
	44-60			2-60	1.25-1.50	0.6-2	0.10-0.22	3.0-5.9	0.0-1.0	.28	.28			
Chipley														
Yemassee														
Uchee														
I1E:														
Nevarc	0-4			3-25	1.20-1.30	0.6-2	0.10-0.15	0.0-2.9	0.5-2.0	.37	.37	3	3	86
	4-57			30-60	1.30-1.50	0.06-0.2	0.10-0.17	3.0-5.9	0.0	.24	.24			
	57-64			10-35	1.30-1.50	0.6-6	0.06-0.12	0.0-2.9	0.0	.20	.24			
Remlik	0-28			1-12	1.20-1.50	6-20	0.06-0.10	0.0-2.9	0.5-1.0	.10	.10	3	2	134
	28-52			8-35	1.20-1.35	0.6-6	0.10-0.17	0.0-2.9	0.0	.20	.20			
	52-60			2-12	1.35-1.55	6-20	0.04-0.10	0.0-2.9	0.0	.17	.17			



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind Erod
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
1E:														
Slagle														
Peawick														
Nawney														
2A:														
Peawick	0-4			10-25	1.20-1.30	0.6-2	0.10-0.17	0.0-2.9	0.5-2.0	.37	.37	4	3	86
	4-70			30-60	1.30-1.50	0.001-0.06	0.10-0.17	6.0-8.9	0.0	.24	.24			
Chickahominy														
Kinston														
Slagle														
2B:														
Peawick	0-4			10-25	1.20-1.30	0.6-2	0.10-0.17	0.0-2.9	0.5-2.0	.37	.37	4	3	86
	4-70			30-60	1.30-1.50	0.001-0.06	0.10-0.17	6.0-8.9	0.0	.24	.24			
Slagle														
Kinston														
Nawney														
2C:														
Peawick	0-4			10-25	1.20-1.30	0.6-2	0.10-0.17	0.0-2.9	0.5-2.0	.37	.37	4	3	86
	4-70			30-60	1.30-1.50	0.001-0.06	0.10-0.17	6.0-8.9	0.0	.24	.24		-	
Slagle														



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	In/In	Pct	Pct					•
12C:														
Uchee														
Nawney														
13B3:														
Peawick	0-2			10-40	1.25-1.35	0.2-0.6	0.12-0.19	3.0-5.9	0.5-1.0	.37	.37	3	6	48
	2-70			30-60	1.30-1.50	0.001-0.06	0.10-0.17	6.0-8.9	0.0	.24	.24			
Kinston														
Slagle														
Nawney														
14B:														
Peawick	0-4			10-25	1.20-1.30	0.6-2	0.10-0.17	0.0-2.9	0.5-2.0	.37	.37	4	3	86
	4-70			30-60	1.30-1.50	0.001-0.06	0.10-0.17	6.0-8.9	0.0	.24	.24			
Slagle	0-13			5-20	1.30-1.45	2-6	0.10-0.14	0.0-2.9	0.5-2.0	.28	.28	3	3	86
	13-25			12-35	1.30-1.45	0.6-2	0.10-0.18	0.0-2.9	0.0	.24	.24			
	25-60			18-40	1.35-1.60	0.001-0.6	0.12-0.18	3.0-5.9	0.0	.24	.24			
Kinston														
15:														
Rappahannock	0-15				0.10-0.60	0.6-2	0.22-0.26	0.0-2.9	20-65				8	0
	15-60			5-60	1.20-1.50	0.6-2	0.08-0.20	0.0-2.9	0.0-2.0	.17	.17			
Bohicket														

Man Cumbal					Moist	Permeability	Available	Linear	Organia	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi
Map Symbol and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Organic Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct				•	
15:														
Peawick														
Slagle														
16:														
Rumford	0-16			2-12	1.25-1.45	6-20	0.06-0.10	0.0-2.9	0.5-1.0	.17	.17	4	2	134
	16-36			8-30	1.25-1.45	2-6	0.10-0.15	0.0-2.9	0.0	.17	.17			
	36-60			2-18	1.25-1.50	2-20	0.04-0.10	0.0-2.9	0.0	.17	.20			
Alaga														
Kinston														
Yemassee														
17B3:														
Slagle	0-4			8-20	1.30-1.45	2-6	0.10-0.17	0.0-2.9	0.5-2.0	.28	.28	3	3	86
	4-25			12-35	1.30-1.45	0.6-2	0.10-0.18	0.0-2.9	0.0	.24	.24			
	25-60			18-40	1.35-1.60	0.001-0.6	0.12-0.18	3.0-5.9	0.0	.24	.24			
Kinston														
Peawick														
Nawney														
18A:														
Slagle	0-13			5-20	1.30-1.45	2-6	0.10-0.14	0.0-2.9	0.5-2.0	.28	.28	3	3	86
•	13-25			12-35	1.30-1.45	0.6-2	0.10-0.18	0.0-2.9	0.0	.24	.24			
	25-60			18-40	1.35-1.60	0.001-0.6	0.12-0.18	3.0-5.9	0.0	.24	.24			

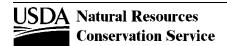
Isle of Wight County, Virginia

Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct			•	•	
18A:														
Kinston														
Peawick														
Nawney														
18B:														
Slagle	0-13			5-20	1.30-1.45	2-6	0.10-0.14	0.0-2.9	0.5-2.0	.28	.28	3	3	86
	13-25			12-35	1.30-1.45	0.6-2	0.10-0.18	0.0-2.9	0.0	.24	.24			
	25-60			18-40	1.35-1.60	0.001-0.6	0.12-0.18	3.0-5.9	0.0	.24	.24			
Kinston														
Peawick														
Nawney														
18C:														
Slagle	0-13			5-20	1.30-1.45	2-6	0.10-0.14	0.0-2.9	0.5-2.0	.28	.28	3	3	86
	13-25			12-35	1.30-1.45	0.6-2	0.10-0.18	0.0-2.9	0.0	.24	.24			
	25-60			18-40	1.35-1.60	0.001-0.6	0.12-0.18	3.0-5.9	0.0	.24	.24			
Kinston														
Peawick														
Nawney														

19A:



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct			-		
19A:														
Uchee	0-28			1-12	1.30-1.70	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.20	.20	5	2	134
	28-52			8-60	1.35-1.50	0.2-0.6	0.10-0.16	3.0-5.9	0.0-0.3	.24	.24			
	52-60			5-20	1.35-1.50	0.2-0.6	0.10-0.16	3.0-5.9	0.0	.28	.28			
Kinston														
Yemassee														
Nawney														
19B:														
Uchee	0-28			1-12	1.30-1.70	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.20	.20	5	2	134
	28-52			8-60	1.35-1.50	0.2-0.6	0.10-0.16	3.0-5.9	0.0-0.3	.24	.24			
	52-60			5-20	1.35-1.50	0.2-0.6	0.10-0.16	3.0-5.9	0.0	.28	.28			
Kinston														
Yemassee														
Nawney														
19C:														
Uchee	0-28			1-12	1.30-1.70	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.20	.20	5	2	134
	28-52			8-60	1.35-1.50	0.2-0.6	0.10-0.16	3.0-5.9	0.0-0.3	.24	.24			
	52-60			5-20	1.35-1.50	0.2-0.6	0.10-0.16	3.0-5.9	0.0	.28	.28			
Kinston														
Yemassee														
Nawney														



Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fa	ctors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					•
19C:														
20B:														
Uchee	0-28			1-12	1.30-1.70	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.20	.20	5	2	134
	28-52			8-60	1.35-1.50	0.2-0.6	0.10-0.16	3.0-5.9	0.0-0.3	.24	.24			
	52-60			5-20	1.35-1.50	0.2-0.6	0.10-0.16	3.0-5.9	0.0	.28	.28			
Peawick	0-4			10-25	1.20-1.30	0.6-2	0.10-0.17	0.0-2.9	0.5-2.0	.37	.37	4	3	86
	4-70			30-60	1.30-1.50	0.001-0.06	0.10-0.17	6.0-8.9	0.0	.24	.24			
Kinston														
Slagle														
20C:														
Uchee	0-28			1-12	1.30-1.70	6-20	0.05-0.10	0.0-2.9	0.5-1.0	.20	.20	5	2	134
	28-52			8-60	1.35-1.50	0.2-0.6	0.10-0.16	3.0-5.9	0.0-0.3	.24	.24			
	52-60			5-20	1.35-1.50	0.2-0.6	0.10-0.16	3.0-5.9	0.0	.28	.28			
Peawick	0-4			10-25	1.20-1.30	0.6-2	0.10-0.17	0.0-2.9	0.5-2.0	.37	.37	4	3	86
	4-70			30-60	1.30-1.50	0.001-0.06	0.10-0.17	6.0-8.9	0.0	.24	.24			
kinston														
slagle														
21:														
Udorthents														
22:														
Urban land	0-6					0.0000	0.00							

Map Symbol					Moist	Permeability	Available	Linear	Organic	Eros	sion Fac	tors	Wind Erodi-	Wind Erodi-
and Soil Name	Depth	Sand	Silt	Clay	Bulk Density	(Ksat)	Water Capacity	Extensi- bility	Matter	Kw	Kf	Т	bility Group	bility Index
	In	Pct	Pct	Pct	g/cc	In/Hr	ln/ln	Pct	Pct					
23:														
Yemassee	0-10			8-20	1.30-1.60	2-6	0.10-0.15	0.0-2.9	0.5-3.0	.20	.20	5	3	86
	10-52			12-40	1.30-1.50	0.6-2	0.11-0.18	0.0-2.9	0.0	.20	.20			
	52-60			3-35	1.30-1.50	0.6-2	0.11-0.17	0.0-2.9	0.0	.20	.20			
Slagle														
Myatt														
W:														
Water														